

## INVESTMENTS IN ALABAMA

Fiscal Year 2016

Floodplain management in Alabama is a responsibility of ADECA's Office of Water Resources, and is primarily comprised of two Federal Emergency Management Agency (FEMA) funded programs: **the National Flood Insurance Program (NFIP)** and **the Flood Mapping Program (FMP)**.

These programs help Alabama communities strengthen flood mitigation plans and act to protect residents and reduce flood risk in communities through flood studies and flood mapping. **In Fiscal Year 2016, \$5.6 million was allocated for projects related to floodplain mapping.**

### INVESTMENT PRIORITIES IN ALABAMA

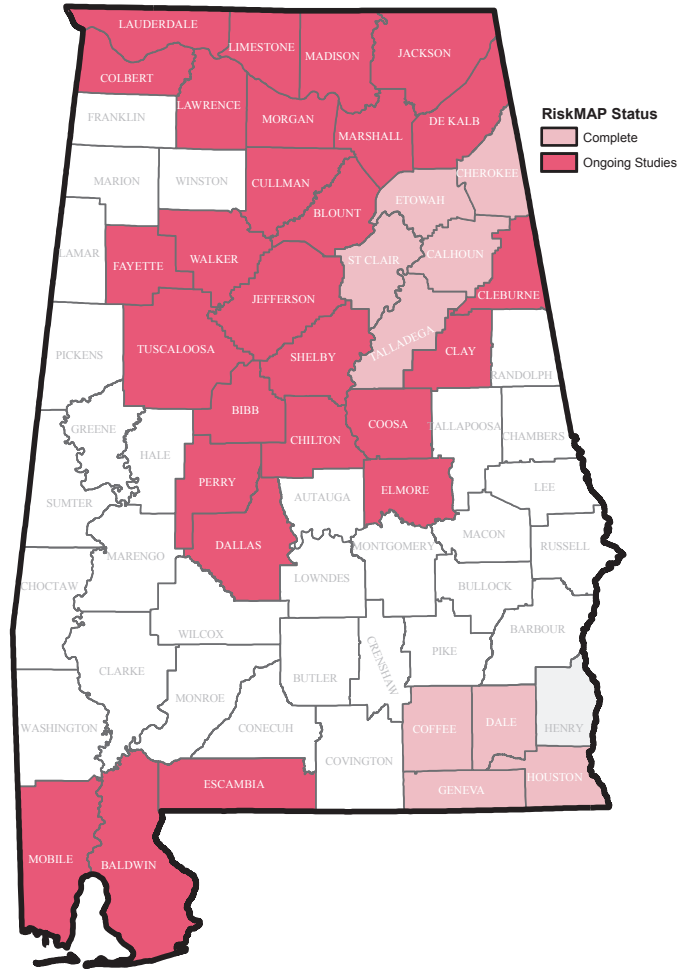
#### The National Flood Insurance Program

FEMA provides funding to OWR to provide technical assistance to communities in the NFIP and evaluate community performance in implementing NFIP floodplain management activities. **Since 2003, OWR has secured approximately \$55 million in FEMA funding to support the NFIP.**

**433** Alabama communities participate in the program which allows property owners within participating jurisdictions to purchase federal flood insurance.

#### Flood Mapping Program

FEMA provides grant funds to support flood mapping needs of the NFIP. Funds are specifically used to conduct flood studies, update flood insurance rate maps, review proposed changes to the floodplain caused by development and for various program management functions (stakeholder trainings and other community engagement activities). Since partnering with FEMA in 2003 to conduct flood studies and create flood maps, **ADECA has successfully completed studies and digitally mapped all 67 counties, studying over 1,050 miles of streams using detail methods and 30,000 miles of streams using approximate methods.** This information has allowed the Flood Mapping Program to become a better partner with local developers, state emergency management agencies and first responders.



### OVERALL IMPACT

30,000 miles of Alabama streams are analyzed as part of OWR's Flood Management Program, and **433** Alabama communities have participated in the National Flood Insurance Program. **58** inches is the average yearly rainfall in Alabama.

### INVESTMENTS IN ACTION

In 2016, **\$1.9 million in grants** made it possible for 25 more counties to receive high resolution elevation data through Light Detection and Ranging. By the end of 2018, Alabama will have complete statewide inventory of quality elevation data for every county largely due to OWR's Floodplain Management Unit. **This helps communities with economic development, emergency planning and homeland security.**